

Abstract

An atomization system (1) for fuels, particularly for charging a chemical reformer for obtaining hydrogen, includes a fuel injector (2), an atomization tube (4), an air inlet (5) and at least one metering aperture (5). The atomization tube (4) features at least a first section (9) and a second section (10) having different outer diameters or wall thicknesses.

(Fig. 2A)